PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Complete if Known

JAN 1 0 2005 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Re ersons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/P16 RADENAE

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/601,195 Filing Date 06/23/2003 First Named Inventor Jaung-Joo Kim et al. Art Unit 1746 **Examiner Name** TBA

(Use as many sheets as necessary)

SEC.1013 Attorney Docket Number

,				DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whe Relevant Passages or Releva Figures Appear	
2 E	Α	^{US-} 5,962,385	10/05/1999	Maruyama et al.		
26	В	^{US-} 5,972,862	10/26/1999	Torii et al.		
		US-				
		US-				
		US-				
		US-				
_		US-				
		US-				
		US-				
		US-				
		US-			·	
		US-				
		US-				
		US-				
		US-				
		US-	:			
		US-				
		US-				
		US-	+			

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Publication Oate	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
			MM-DD-YYYY			
ZE_	С	KR 1999-023681	03/25/1999	MITSUBISHI GAS		7
25	D	KR 1998-018433	06/05/1998	MITSUBISHI GAS		7

Examiner	E / A . * - 1	Date	-111
Signature	ar-Ariai	Considered	7/24/45
	<u> </u>	Considered	11-0107

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

. • شم										
OIPE						Docket Number (Optional) SEC.1013		Application Number 10/601,195		
	INFO		ATION DISCLOSURE (Use several sheets if necessar		(11x)	Applicant(s) Jaung-Joo Kim et al.				
	(JUN 0 3 2004 원				004 <u>E</u>)	Filing Date 06/23/2003		Group Art Unit		
				ENT US	57	DOCUMENTS				
*EXAMINER	T.,,	Γ_	- COUNTY WILLIAM	DATE	<u> </u>	The state of the s		S SUBCLASS FILING DATE		
INITIAL	REF	├	DOCUMENT NUMBER	DATE	 	NAME		SUBCLASS	IF APPRO	
	<u> </u>	<u> </u>			<u> </u>	,	 	 		
	<u> </u>				L					
									<u> </u>	
									Γ	
				U.S. PATENT	r applic	ATION PUBLICATIONS	<u>-</u>			
*EXAMINER INITIAL	REF		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	 						 	1	IF AFFR	PRIATE
		 		 			+			-
		\vdash						-		
		\vdash		/	 		 			
	<u> </u>	 	/	FORE	ICN PATE	ENT DOCUMENTS	1			
	REF	Γ	DOCUMENT NUMBER	DATE	IGNIALE	COUNTRY	CLASS	SUBCLASS	Tran	slation
	 	100			PEDIN		CLASS	SUBCLASS	YES	NO
Z <u>E</u>	^	-	28-0011994	04/30/1998	ł	BLIC OF KOREA	-	_		
26	В	10-0	0248113	12/15/1999	REPUE	BLIC OF KOREA	 		,	
	,_	<u> </u>	·····		<u> </u>					
					<u> </u>				<u> </u>	
						-				
				OTHER D	DOCUMEN	NTS (Including Author	r, Title, Date, F	ertinent Pages, Et	(a)	
				,	/					
	$\neg \uparrow$									
						٠				
EXAMINE	R		EL-Ar	ini		DATE CONSIDERED	7/26/05	•		
EXAMINE	R: Initi	ial if ci	itation considered, whether o	or not citation is in	conforma	nce with MPEP Section 609; I			in conform	nance and
not conside	red. In	iclude (copy of this form with next c	ommunication to r	applicant.					

Form PTO-A820 (also form PTO-1449) P09A/REV05

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

TOT WIND ARIE CODA Application Number Docket Number (Optional) SEC.1013 NEW Applicant(s) INFORMATION DISCLOSURE CITATION Dae-Hoon KIM et al. (Use several sheets if necessary) Filing Date **Group Art Unit JUNE 23, 2003** TO BE ASSIGNED **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE SUBCLASS DATE NAME CLASS REP DOCUMENT NUMBER INITIAL IF APPROPRIATE 5,709,756 01/20/1998 WARD et al. ZE FOREIGN PATENT DOCUMENTS Translation REF DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO 8-306651 11/22/1996 **JAPAN** SE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

Form PTO-A820 (also form PTO-1449)

EXAMINER

EL Arini

P09A/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

7/26/05